

## Claims

What is claimed is:

1. An imaging lens, comprising:  
a lens system, the lens system including, in order from an object side:  
a positive first lens with a convex surface facing the object side;  
an aperture stop provided on one of the object side and an image side of the first lens;  
a meniscus second lens with a concave surface facing the object side; and  
a meniscus third lens with a convex surface facing the object side;

wherein:

- at least one of the first lens and the second lens includes an aspheric surface;
- the third lens is a biaspheric lens;
- the second lens and the third lens have paraxial focal lengths with different signs; and
- the following condition is satisfied,

$$1.25 < v_{\max} / v_{\min},$$

where  $v_{\max}$  and  $v_{\min}$  are a maximum Abbe number and a minimum Abbe number among the lenses, respectively.

2. The imaging lens according to claim 1, wherein:  
at least one of the first lens and the second lens of the lens system is a biaspheric lens.

3. The imaging lens according to claim 1, wherein:  
at least one biaspheric lens of the lens system satisfies the following condition,

$$1.0 < t_{\max} / t_{\min} < 1.4,$$

where  $t_{\min}$  and  $t_{\max}$  are thicknesses of a thinnest part and a thickest part of the biaspheric lens, respectively, measured parallel to an optical axis in an effective diameter in which a light beam passes through.

4. The imaging lens according to claim 1, wherein:  
any aspheric surface of a biaspheric lens of the lens system includes a plurality of points of inflection in an effective diameter in which a light beam passes through.

5. The imaging lens according to claim 1, wherein:  
the aperture stop of the lens system is provided on the object side of the first lens.

6. The imaging lens according to claim 1, wherein:  
the lens system includes at least a single resin lens.

7. The imaging lens according to claim 1, wherein:  
the following condition is satisfied,

$$L/f < 2.0,$$

where  $L$  and  $f$  are a total length of the lens system and a focal length of the lens system, respectively.

8. An imaging lens, comprising, in order from an object side:  
an aperture stop;  
a biconvex positive first lens;  
a negative meniscus second lens with a concave surface facing the object side; and  
a positive meniscus third lens with a convex surface facing the object side, wherein:  
at least one of the first lens and the second lens includes an aspheric surface;  
the third lens is a biaspheric lens; and  
the following condition is satisfied,

$$2.5 < (v_1 + v_3) / v_2,$$

where  $v_1$ ,  $v_2$ , and  $v_3$  are Abbe numbers of the first lens, the second lens, and the third lens, respectively.

9. An imaging lens, comprising, in order from an object side:
- an aperture stop;
  - a positive first lens with a convex surface facing the object side;
  - a positive meniscus second lens with a concave surface facing the object side;
  - a negative meniscus third lens with a convex surface facing the object side, wherein:
    - at least one of the first lens and the second lens includes an aspheric surface;
    - the third lens is a biaspheric lens; and
    - the following condition is satisfied,

$$v_3 < 45,$$

where  $v_3$  is an Abbe number of the third lens.